

Table No. 19.—Double-wire-rope Strops.

TABLE OF BREAKING-LOADS AND CORRESPONDING SAFE-WORKING LOADS FOR DOUBLE STROPS WITH A THIMBLE IN EACH END AND MADE OF BLACK-STEEL-WIRE ROPE OF PATENT IMPROVED PATENT STEEL QUALITY OF THE BREAKING-LOAD SPECIFIED IN APPENDIX II.

(Strop loaded as shown in Diagram No. 7.)

Two Ropes each of Size		Strands and Wires 6/19.			Strands and Wires 6/24.			Strands and Wires 6/37.		
Circumference, in Inches.	Diameter, in Inches.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.	Breaking-load, in Tons.	Working-loads, in Tons, &c.	Working-load, in Pounds.
2	$\frac{5}{8}$	24.8	T. cwt. qr. lb.	6,172	23.0	T. cwt. qr. lb.	5,724	23.8	T. cwt. qr. lb.	5,923
2 $\frac{1}{8}$	$\frac{11}{16}$	27.2	2 15 0 12	6,769	25.6	2 11 0 12	6,371	27.2	2 12 3 15	6,769
2 $\frac{1}{4}$	$\frac{23}{32}$	31.2	3 0 1 21	7,765	28.6	2 16 3 15	7,118	30.6	3 0 1 21	7,616
2 $\frac{3}{8}$	$\frac{3}{4}$	35.2	3 9 1 9	8,760	31.6	3 3 2 6	7,864	32.4	3 8 0 0	8,064
2 $\frac{1}{2}$	$\frac{13}{16}$	38.2	3 18 0 24	9,507	34.8	3 10 0 24	8,661	36.2	3 12 0 0	9,009
2 $\frac{5}{8}$	$\frac{27}{32}$	41.0	4 4 3 15	10,204	39.6	3 17 1 9	9,856	40.4	4 0 1 21	10,055
2 $\frac{3}{4}$	$\frac{7}{8}$	45.8	4 11 0 12	11,399	43.2	4 8 0 0	10,752	44.6	4 9 3 3	11,100
2 $\frac{7}{8}$	$\frac{29}{32}$	50.8	5 1 3 3	12,643	46.8	4 16 0 0	11,648	49.2	4 19 0 12	12,245
3	$\frac{15}{16}$	57.8	5 12 3 15	14,385	50.8	5 4 0 0	12,643	53.8	5 9 1 9	13,390
			6 8 1 21			5 12 3 15			5 19 2 6	

Table No. 20.—Double-wire-rope Strops.

TABLE OF BREAKING-LOADS AND CORRESPONDING SAFE-WORKING LOADS FOR DOUBLE STROPS WITH A THIMBLE IN EACH END AND MADE OF GALVANIZED-STEEL-WIRE ROPE OF HAWSER BASIC QUALITY OF THE BREAKING-LOAD SPECIFIED IN APPENDIX III.

(Strop loaded as shown in Diagram No. 7.)

Two Ropes each of Size		Strands and Wires 6/19.			Strands and Wires 6/24.			Strands and Wires 6/37.		
Circumference, in Inches.	Diameter, in Inches.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.	Breaking-load, in Tons.	Working-load, in Tons, &c.	Working-load, in Pounds.
2	$\frac{5}{8}$	23.4	T. cwt. qr. lb.	5,824	21.8	T. cwt. qr. lb.	5,425	22.6	T. cwt. qr. lb.	5,624
2 $\frac{1}{8}$	$\frac{11}{16}$	25.8	2 12 0 0	6,421	24.4	2 8 1 21	6,072	25.8	2 10 0 24	6,421
2 $\frac{1}{4}$	$\frac{23}{32}$	30.8	2 17 1 9	7,665	28.4	2 14 0 24	7,068	29.0	2 17 1 9	7,217
2 $\frac{3}{8}$	$\frac{3}{4}$	33.4	3 8 1 21	8,312	31.4	3 3 0 12	7,815	32.6	3 4 1 21	8,113
2 $\frac{1}{2}$	$\frac{13}{16}$	36.0	3 14 0 24	8,960	34.4	3 9 3 3	8,561	35.4	3 12 1 21	8,810
2 $\frac{5}{8}$	$\frac{27}{32}$	38.8	4 0 0 0	9,656	37.6	3 16 1 21	9,358	40.2	3 18 2 18	9,946
2 $\frac{3}{4}$	$\frac{7}{8}$	43.4	4 6 0 24	10,801	41.0	4 3 2 6	10,204	44.4	4 9 1 9	11,050
2 $\frac{7}{8}$	$\frac{29}{32}$	48.0	4 16 1 21	11,946	44.4	4 11 0 12	11,050	48.0	4 18 2 18	11,946
3	$\frac{15}{16}$	51.2	5 6 2 18	12,743	50.0	4 18 2 18	12,444	53.2	5 6 2 18	13,240
			5 13 3 3			5 11 0 12			5 18 0 24	